

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	14	proximity authentication	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/02 09:46
L5	54	(BOATE near ALAN) or (REED near BRIAN)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/02 10:09
L6	2506	713/176.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/02 10:09
L7	843	713/186.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/02 10:10
L8	837	380/270.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/02 10:26
L9	814	726/5.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/02 11:06
L10	0	((personal digital identifier) or PDI) and (access\$4 near control\$4) and wireless and key and public and private and biometric and template and (generat\$4 or produc\$4) and (digital signature) and (verif\$4 or authenticat\$4) and session and (blank out) and display and (second or unauthorized).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/02 11:13
L11	0	6 and 10	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/02 11:13

## EAST Search History

L12	0	7 and 10	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/02 11:13
L13	0	8 and 10	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/02 11:13
L14	0	9 and 10	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/02 11:13
S1	2	"20020073042".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 14:06
S2	0	("2002/0073042").URPN.	USPAT	OR	ON	2005/01/28 16:23
S3	0	"digital wallet" same (generat\$3 or produc\$3) same ("private key" or key) same (biometric or fingerprint or "finger-print" or thumbprint or "thumb-print" or iris or pupil) and @ad <="20010201"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 16:37
S4	3	"digital wallet" same (generat\$3 or produc\$3) same ("private key" or key) and @ad <="20010201"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 17:27
S5	370	("digital wallet" or (((wireless or mobile) adj (device or computer or client or PC)) or ("personal digital assistant" or PDA or laptop))) same (generat\$3 or produc\$3) same ("private key" or key) and @ad <="20010201"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 17:32
S6	101	("digital wallet" or (((wireless or mobile) adj (device or computer or client or PC)) or ("personal digital assistant" or PDA or laptop))) same ((generat\$3 or produc\$3) near3 ("private key" or key)) and @ad <="20010201"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 17:33

## EAST Search History

S7	25	("digital wallet" or (((wireless or mobile) adj (device or computer or client or PC)) or ("personal digital assistant" or PDA or laptop))) same ((generat\$3 or produc\$3) near3 ("private key" or key)) same (stor\$3) and @ad <="20010201"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 17:56
S8	1	713/193.ccls. and ("digital wallet" or (((wireless or mobile) adj (device or computer or client or PC)) or ("personal digital assistant" or PDA or laptop))) same ((generat\$3 or produc\$3) near3 ("private key" or key)) same (stor\$3) and @ad <="20010201"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 18:01
S9	3	"6577734"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 18:11
S10	30	(generat\$3 or produc\$3) with (master or template) with (biometric or fingerprint or iris or pupil) with signal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 18:14
S11	17	(generat\$3 or produc\$3) with (master or template) with (biometric or fingerprint or iris or pupil) with signal and @ad <="20010201"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 18:24
S12	0	713/193.ccls. and (generat\$3 or produc\$3) with (master or template) with (biometric or fingerprint or iris or pupil) with signal and @ad <="20010201"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 18:15
S13	1	(generat\$3 or produc\$3) with (master or template) with (biometric or fingerprint or iris or pupil) with signal with wireless and @ad <="20010201"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 18:39
S14	2	"6111506".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 18:40
S15	2	"4879747".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 18:41

## EAST Search History

S16	2	"4389451".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 18:41
S17	2	"4529870".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 18:43
S18	4	(prevent or never or "not") near3 (transmit\$3 near2 (biometric or fingerprint or "finger-print" or thumbprint or "thumb-print" or iris or pupil or template))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/28 18:48
S20	3	(generat\$3 or produc\$3) near3 template and 713/193.ccls. and @ad <="20010201"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 14:30
S21	92	(generat\$3 or produc\$3) near3 template and "713"/\$.ccls. and @ad <="20010201"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 14:32
S22	18	(generat\$3 or produc\$3) near3 template same ("finger-print" or "thumb-print" or fingerprint or thumbprint or iris or pupil or biometric) and "713"/\$.ccls. and @ad <="20010201"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 14:47
S23	2	"20010036821".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 14:58
S26	2	"6408330".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 14:59
S27	2	"20010036821".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 18:54

## EAST Search History

S28	2	"6607136".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 19:28
S30	80	380/265.ccls. and @ad <="20010628"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 19:29
S32	29	380/265.ccls. and (LFSR or "linear feedback shift register") and @ad <="20010628"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/01 19:30
S33	9	blank\$3 near3 (screen or display or computer or server or workstation) near3 (new near3 (device or computer or "electronic wallet" or "digital wallet"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/04 12:35
S34	2	"6408330".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/04 12:41
S35	2	"20010036821".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/04 12:41
S36	2	"6607136".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/04 12:42
S37	2	"20010020254".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/04 12:42
S38	2	"20010020254".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/08 16:33
S39	215	("base station" or "base unit") with (polling near3 signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 08:38

## EAST Search History

S41	175	("base station" or "base unit") with (polling near3 signal) and @ad <= "20010201"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 10:44
S42	2	("base station" or "base unit") with (polling near3 signal) same "access control" and @ad <= "20010201"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 10:50
S43	3	((wireless or cellular or mobile) adj (device or phone or equipment)) or "digital wallet") same (base adj (station or unit)) same (signal) same "access control" and @ad <= "20010201"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 11:02
S44	35	((wireless or cellular or mobile) adj (device or phone or equipment)) or "digital wallet") same (base adj (station or unit)) same (signal) same ((los\$4 or "no")near3 (signal\$3 or communication)) and @ad <= "20010201"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 11:05
S46	0	((wireless or cellular or mobile) adj (device or phone or equipment)) or "digital wallet") same (base adj (station or unit)) same blank same ((los\$4 or "no")near3 (signal\$3 or communication)) and @ad <= "20010201"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 11:06
S47	56	((wireless or cellular or mobile) adj (device or phone or equipment)) or "digital wallet") same (base adj (station or unit)) same ((los\$4 or "no")near3 (signal\$3 or communication)) and @ad <= "20010201"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 11:06
S48	0	((wireless or cellular or mobile) adj (device or phone or equipment)) or "digital wallet") same (base adj (station or unit)) same ((los\$4 or "no")near3 (signal\$3 or communication)) same "access control" and @ad <= "20010201"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 11:06
S49	1	((wireless or cellular or mobile) adj (device or phone or equipment)) or "digital wallet") same (base adj (station or unit)) same ((los\$4 or "no")near3 (signal\$3 or communication)) and "access control" and @ad <= "20010201"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 11:07

## EAST Search History

S50	7	(((wireless or cellular or mobile) adj (device or phone or equipment)) or "digital wallet") same (base adj (station or unit)) same ((los\$4 or "no") adj (signal\$3 or communication)) and @ad <= "20010201"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 11:19
S51	0	(((wireless or cellular or mobile) adj (device or phone or equipment)) or "digital wallet") same (base adj (station or unit)) same ((los\$4 or "no") adj (signal\$3 or communication)) same ((deny or disconnect or reject or fail) near3 access) and @ad <= "20010201"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 11:20
S52	1	(((wireless or cellular or mobile) adj (device or phone or equipment)) or "digital wallet") same (base adj (station or unit)) same (signal\$3) same ((deny or disconnect or reject or fail) near3 access) and @ad <= "20010201"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 11:23
S53	1	(((wireless or cellular or mobile) adj (device or phone or equipment)) or "digital wallet") same (base adj (station or unit)) same (signal\$3) same ((deny or disconnect or reject or fail) near3 (display or access)) and @ad <= "20010201"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 11:33
S54	2	"access control" with "blank screen" and @ad <= "20010201"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 11:35
S55	3	"access control" same "blank screen" and @ad <= "20010201"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 11:36
S56	3	("access control" or ((deny or reject or disconnect) near2 access)) same "blank screen" and @ad <= "20010201"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 11:37
S65	29	detected same (((wireless or cellular or mobile) adj (device or phone or equipment)) or ((ditital or electronic)) adj wallet) same ("deny access" or "access control")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 13:03

## EAST Search History

S66	0	detected same (((wireless or cellular or mobile) adj (device or phone or equipment)) or ((ditital or electronic)) adj wallet) same ("deny access")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 11:51
S67	2	"6195564".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/09 13:03
S68	488	key near6 generate\$4 near8 (wireless\$4 or pda or laptop or "digital wallet" or ((cellular or mobile or wireless) near3 (device or phone or equipment)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/08/02 17:42
S69	304	key near3 generate\$4 near5 (wireless\$4 or pda or laptop or "digital wallet" or ((cellular or mobile or wireless) near3 (device or phone or equipment)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/08/02 17:42
S70	176	key near3 generate\$4 near5 (pda or laptop or "digital wallet" or ((cellular or mobile or wireless) near3 (device or phone or equipment)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/08/02 17:43
S71	2	"6484260".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/10/26 07:30
S72	2	"5568552".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/13 09:29
S77	21	(personal near2 identifier) same (wireless or mobile or hand\$1held or "hand held") and (un\$1authorized near (user or access))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/13 09:43
S79	7	((blank\$4 or eras\$4 or ("not" near2 display\$5)) near9 (display\$3 or screen)) same ((un\$1authorized or un\$1registered) user)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/13 10:50
S80	221	challenge same signature and (digital adj signature) with (private adj key)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/13 10:50



## EAST Search History

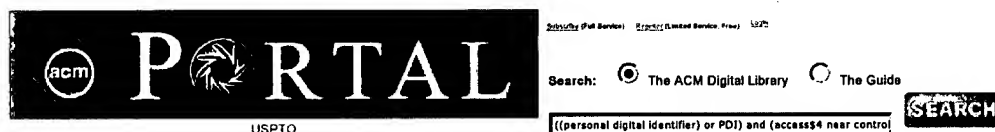
S81	23	server and biometric\$1 and wireless and (personal portable) and secure and private and public	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/13 10:52
S82	2	server and biometric\$1 and wireless and (personal portable) and secure and private and public and @ad<"20010201"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/02/13 10:52
S83	4	("PDI") near6 wireless	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/04 11:35
S84	13	("PDI") same wireless	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/04 11:35
S85	3	("PDI") same wireless and key	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/04 11:36
S88	23	((wireless or mobile or (hand\$1held) or palm\$2size or cellular) adj2 (device or \$7phone)) near5 (generat\$4 near6 (public near6 private) near4 key)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/04 12:39
S90	92	(observer or ((second or un\$1authorized) near2 user)) same (screen\$4 or display\$4) same protect\$4 same (confidential or secrete or password or personal or identification or PID)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/04 13:17
S92	2	detect\$5 near9 (un\$1authorized near3 (device or node)) same ((deny\$4 or refus\$4) near4 (access\$4 or view\$4 or display\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/04 13:30
S94	268	((second user) or (non user) or observer or (unauthorized user)) near20 ((deny\$4 or blank\$4 or clos\$4 or prohibit\$4) near4 (display\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/04 13:34

## EAST Search History

S95	241	((second user) or (non user) or observer or (unauthorized user)) near10 ((deny\$4 or blank\$4 or clos\$4 or prohibit\$4) near4 (display\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/04 13:35
S96	9	((second user) or (non user) or observer or (unauthorized user)) near10 ((deny\$4 or blank\$4 or prohibit\$4) near4 (display\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/04 13:51
S97	34	proximity near authoriz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/04 13:51
S98	2	proximity near authoriz\$4 and IBM	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/04 13:51
S99	0	("2003/0005300").URPN.	USPAT	ADJ	ON	2006/08/04 13:52
S10 0	0	("2003/0005300").URPN.	USPAT	ADJ	ON	2006/08/04 13:52
S10 1	0	("2003/0005300").URPN.	USPAT	ADJ	ON	2006/08/04 13:55
S10 2	0	"6088450.pn"	USPAT	ADJ	ON	2006/08/04 13:55
S10 3	1	"6088450".pn.	USPAT	ADJ	ON	2006/08/04 13:55
S10 4	32	("4260982"   "4271482"   "4310720"   "4467139"   "4638120"   "4811393"   "4817140"   "4860352"   "4905277"   "4907270"   "5005200"   "5097505"   "5131038"   "5140634"   "5144667"   "5218637"   "5280527"   "5293424"   "5323465"   "5355414"   "5377269"   "5381480"   "5432851"   "5473692"   "5539828"   "5568552"   "5583486"   "5633932"   "5648763"   "5796840"   "5805706"   "5805712").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/05 09:13
S10 5	34	("6088450").URPN.	USPAT	ADJ	ON	2006/08/05 11:27
S10 6	1	"3990036".pn.	USPAT	ADJ	ON	2006/08/05 11:29
S10 7	177	(exchang\$4 or ((transmit\$4 or send\$4) near5 receiv\$4)) near5 (polling signal\$4)	USPAT	ADJ	ON	2006/08/05 11:31

## EAST Search History

S10 8	2	(exchang\$4 or ((transmit\$4 or send\$4) near5 receiv\$4)) near5 (polling signal\$4) same (base unit)	USPAT	ADJ	ON	2006/08/05 11:31
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Best 200 shown

- 1 **Cryptography and data security**  
 Dorothy Elizabeth Robling Denning  
 January 1982 Book  
 Publisher: Addison-Wesley Longman Publishing Co., Inc.  
 Full text available: pdf(19.47 MB)

Additional information: full citation, abstract, references, cited by, index terms

**From the Preface (See Front Matter for full Preface)**

Electronic computers have evolved from exiguous experimental enterprises in the 1940s to prolific practical data processing systems to rely on these systems to process and store data, we have also come to wonder about their ability to protect valuable data.

Data security is the science and study of methods of protecting data in computer and communication systems from unauthorized access.

- 2 **Selected writings on computing: a personal perspective**  
 Edsger W. Dijkstra  
 January 1982 Book  
 Publisher: Springer-Verlag New York, Inc.  
 Additional information: full citation, abstract, references, cited by, index terms

Since the summer of 1973, when I became a Burroughs Research Fellow, my life has been very different from what it had been instead of going to the University each day, where I used to spend most of my time in the company of others, I now went there the time that is, when not travelling!-- alone in my study. In my solitude, mail and the written word in general became more important than that my employee ...

- 3 **An open-source CVE for programming education: a case study: An open-source CVE for programming education: a case study**  
 Andrew M. Phelps, Christopher A. Egert, Kevin J. Bierre, David M. Parks  
 July 2005 **ACM SIGGRAPH 2005 Courses SIGGRAPH '05**  
 Publisher: ACM Press  
 Full text available: pdf(7.92 MB)

Additional information: full citation, references

- 4 **Level set and PDE methods for computer graphics**  
 David Breen, Ron Fedkiw, Ken Museth, Stanley Osher, Guillermo Sapiro, Ross Whitaker  
 August 2004 **ACM SIGGRAPH 2004 Course Notes SIGGRAPH '04**  
 Publisher: ACM Press  
 Full text available: pdf(17.07 MB)

Additional information: full citation, abstract, references

Level set methods, an important class of partial differential equation (PDE) methods, define dynamic surfaces implicitly as the level set of a scalar function. The course begins with preparatory material that introduces the concept of using partial differential equations for graphics, geometric modeling and computer vision. This will include the structure and behavior of several different types of differential equations ...

- 5 **Report of the national workshop on internet voting: issues and research agenda**  
 C. D. Mote  
 May 2000 **Proceedings of the 2000 annual national conference on Digital government research dg.o '00**  
 Publisher: Digital Government Research Center  
 Full text available: pdf(539.69 KB)

Additional information: full citation, abstract

As use of the Internet in commerce, education and personal communication has become common, the question of Internet voting naturally arises. In addition to adding convenience and precision, some believe that Internet voting may reverse the historical trend in the United States. For these reasons President Clinton issued a memorandum in December 1999 requesting that the National Science Foundation study the feasibility of online (In ...

#### 6 Report of the national workshop on internet voting: issues and research agenda

C. D. Mote

May 2002

**Proceedings of the 2002 annual national conference on Digital government research dg.o '02**

Publisher: Digital Government Research Center

Full text available:  pdf(539.69 KB)

Additional Information: [full citation](#)

#### 7 Security issues for wireless ATM networks

Danai Patiyoot

January 2002

**ACM SIGOPS Operating Systems Review**, Volume 36 Issue 1

Publisher: ACM Press

Full text available:  pdf(1.75 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

To be able to fulfil the need of user in wireless ATM, the system has to acquire features. One of the system features for the wireless ATM security aspect. There is so far little, if not none, security consideration in the developing of wireless ATM standard. Therefore a security functions is in consideration. This paper tried to define the features of security in wireless ATM networks considering its features

**Keywords:** security, wireless ATM

#### 8 On interdomain routing security and pretty secure BGP (psBGP)

P.C. van Oorschot, Tao Wan, Evangelos Kranakis

July 2007

**ACM Transactions on Information and System Security (TISSEC)**, Volume 10 Issue 3

Publisher: ACM Press

Full text available:  pdf(469.49 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

It is well known that the Border Gateway Protocol (BGP), the IETF standard interdomain routing protocol, is vulnerable to a variety of misconfigured or malicious BGP speaker could result in large-scale service disruption. In this paper, we present *Pretty Secure BGP*, including an architectural overview, design details for significant aspects, and preliminary security and operational analysis.

**Keywords:** BGP, authentication, certificates, interdomain routing, public-key infrastructure, secure routing protocols, trust

#### 9 Interactive Editing Systems: Part II

Norman Meyrowitz, Andries van Dam

September 1982

**ACM Computing Surveys (CSUR)**, Volume 14 Issue 3

Publisher: ACM Press

Full text available:  pdf(9.17 MB)

Additional Information: [full citation](#), [references](#), [clings](#), [index terms](#)

#### 10 Access control to people location information

Urs Hengartner, Peter Steenkiste

November 2005

**ACM Transactions on Information and System Security (TISSEC)**, Volume 8 Issue 4

Publisher: ACM Press

Full text available:  pdf(359.85 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Ubiquitous computing uses a variety of information for which access needs to be controlled. For instance, a person's current location information that only authorized entities should be able to learn. Several challenges arise in the specification and implementation of policies for location information. For example, there can be multiple sources of location information. The sources can be within different administrative domains.

**Keywords:** Certificates, DSA, RSA, SPKI/SDSI, credential discovery, delegation, location, privacy, trust


#### 11 National id card: the next generation: The US/Mexico border crossing card (BCC): a case study in biometric, machine-readable

Andrew Schulman

April 2002

**Proceedings of the 12th annual conference on Computers, freedom and privacy CFP '02**

Publisher: ACM Press

Full text available:  pdf(187.31 KB)

Additional Information: [full citation](#), [index terms](#)


#### 12 Risk transparency: Privacy and security threat analysis of the federal employee personal identity verification (PIV) program

Paul A. Karger

July 2006

**Proceedings of the second symposium on Usable privacy and security SOUPS '06**

Publisher: ACM Press

Full text available:  pdf(113.11 KB)Additional information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper is a security and privacy threat analysis of new Federal Information Processing Standard for Personal Identity Verification (FIPS 137-2). It identifies some problems with the standard, and it proposes solutions to those problems, using standardized cryptographic techniques: the Internet Key Exchange (IKE) protocol [16]. When the standard is viewed in the abstract, it seems to effectively provide security and privacy, but it contains some algorithms. ...

**Keywords:** personal identification, privacy, smart cards

### 13 [Public-key support for group collaboration](#)



Carl Ellison, Steve Dohrmann

November 2003

**ACM Transactions on Information and System Security (TISSEC)**, Volume 6 Issue 4

Publisher: ACM Press

Full text available:  pdf(561.61 KB)Additional information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper characterizes the security of group collaboration as being a product not merely of cryptographic algorithms and coding, but of the machine process of group creation. We show that traditional security mechanisms do not properly address the needs of a secure group, called NGC (next generation collaboration), that was designed to meet those needs. NGC distinguishes itself in the machine process as analyzed. ...

**Keywords:** Human-computer interface, IPsec, PGP, PKI, S/MIME, SDSI, SPKI, SSH

### 14 [Multicast security and its extension to a mobile environment](#)

Li Gong, Nachum Shacham

August 1995

**Wireless Networks**, Volume 1 Issue 3

Publisher: Kluwer Academic Publishers

Full text available:  pdf(1.22 MB)Additional information: [full citation](#), [abstract](#), [references](#), [citations](#)

Multicast is rapidly becoming an important mode of communication and a good platform for building group-oriented services. To build a secure multicast, however, current multicast schemes must be supplemented by mechanisms for protecting traffic, controlling participation, and controlling data exchanged by the participants. In this paper, we consider fundamental security issues in building a trusted multicast facility. ...

### 15 [Compiler construction: an advanced course](#)

F. L. Bauer, F. L. De Remer, M. Griffiths, U. Hill, J. J. Horning, C. H. A. Koster, W. M. McKeeman, P. C. Poole, W. M. Waite, G. Goos,

January 1974

Book

Publisher: Springer-Verlag New York, Inc.

Additional information: [full citation](#), [abstract](#), [references](#), [cited by](#)

The Advanced Course took place from March 4 to 15, 1974 and was organized by the Mathematical Institute of the Technical University of Munich, Computing Center of the Bavarian Academy of Sciences, in co-operation with the European Communities, sponsored by the Ministry of Science of the Federal Republic of Germany and by the European Research Office, London.

### 16 [Flexible control of downloaded executable content](#)



Trent Jaeger, Atul Prakash, Jochen Liedtke, Nayeem Islam

May 1999

**ACM Transactions on Information and System Security (TISSEC)**, Volume 2 Issue 2

Publisher: ACM Press

Full text available:  pdf(297.79 KB)Additional information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

We present a security architecture that enables system and application access control requirements to be enforced on application executable content. Downloaded executable content consists of messages downloaded from remote hosts that contain executable code that is executed on the downloading principal's machine. Unless restricted, this content can perform malicious actions, including accessing its download source and sending messages on the ...

**Keywords:** access control models, authentication, authorization mechanisms, collaborative systems, role-based access control

### 17 [Protecting applications with transient authentication](#)



Mark D. Corner, Brian D. Noble

May 2003

**Proceedings of the 1st international conference on Mobile systems, applications and services MobiSys**

Publisher: ACM Press

Full text available:  pdf(284.40 KB)Additional information: [full citation](#), [abstract](#), [references](#), [cited by](#)

How does a machine know who is using it? Current systems authenticate their users infrequently, and assume the user's identity. *Transient Authentication* is inappropriate for mobile and ubiquitous systems, where associations between people and devices are fluid and change frequently. With *Transient Authentication*, in which a small hardware token continuously authenticates the user's presence over a short-range, ...

### 18 [Special issue on knowledge representation](#)



Ronald J. Brachman, Brian C. Smith  
February 1980 **ACM SIGART Bulletin**, Issue 70

Publisher: ACM Press

Full text available: pdf(13.13 MB)

Additional Information: [full citation](#), [abstract](#), [citations](#)

In the fall of 1978 we decided to produce a special issue of the SIGART Newsletter devoted to a survey of current knowledge re there were two useful functions such an issue could serve. First, we hoped to elicit a clear picture of how people working in this representation research, to illuminate the issues on which current research is focused, and to catalogue what approaches and to developed. Secon ...

19 Classics in software engineering

January 1979 Divisible Book

Publisher: Yourdon Press

Additional Information: [full citation](#), [cited by](#), [index terms](#)

20

A survey on peer-to-peer key management for mobile ad hoc networks

Johann Van Der Merwe, Dawoud Dawoud, Stephen McDonald

April 2007 **ACM Computing Surveys (CSUR)**, Volume 39 Issue 1

Publisher: ACM Press

Full text available: pdf(872.71 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The article reviews the most popular peer-to-peer key management protocols for mobile ad hoc networks (MANETs). The protocols on their design strategy or main characteristic. The article discusses and provides comments on the strategy of each group separately into open research problems in the area of pairwise key management.

**Keywords:** Mobile ad hoc networks, pairwise key management, peer-to-peer key management, security

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